

Amendments to the Specification:

1. In accordance with Rule 1.121(b)(2)(i), please replace the section on page 3, lines 21-28 of the specification titled Brief Description Of Drawing with the following amended section shown in accordance with Rule 1.121(b)(2)(ii):

BRIEF DESCRIPTION OF DRAWINGS

The invention will be described in detail in the following description of preferred embodiments with reference to the following figures wherein:

FIG. 1 is a diagram of the preferred embodiment of imager;

FIG. 2 is a diagram of the planar detail of imager;

FIG. 3A is a diagram of original image;

FIG. 3B is a diagram of compressed image; ~~and~~

FIG. 3C is a diagram of expanded image; and

FIG. 4 is a schematic diagram of an application using an embodiment of the invention.

2. Also, in accordance with Rule 1.121(b)(1)(i), please replace the paragraph beginning at page 9, line 27 and continuing through to page 10, line 2 with the following amended paragraph shown in accordance with Rule 1.121(b)(1)(ii):

An exemplary use of imager 100 is in a dental imaging system 1000. During the imaging processes, a rotary mechanism rotates and translates both a radiation source 1010 and imager 100 around the object 1020 (e.g., a human head - or more specifically, teeth - along a dental plane) to be imaged. The rotation and translation of a line 1030 between imager 100 and the radiation source 1010, as well as the TDI scan rate of sensor 120 of imager 100 are controlled in order to compensate for the non-semicircular shape of the dental line of the human jaw. The output of TDI sensor 120 is coupled to display 1040 to view the dental image.